Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended)   A hard disk drive (HDD) control apparatus, comprising:

~~a means for connecting the HDD control apparatus to~~ a navigation system;

~~a means for connecting the HDD control apparatus to an~~ a hard disk drive (HDD);

a second system;

[[a]] means for coupling ~~connecting~~ the HDD control apparatus to the navigation system, the HDD and the [[a]] second system; and

~~a decompression unit that decompresses data read from the HDD and transmits the resultant data to the second system; and~~

a control unit configured to write or read ~~that writes or reads~~ data in or from the HDD in response to a first command sent from the navigation system, ~~that reads~~ to read compressed data from the HDD in response to a second command sent from the second system, and to instruct a ~~instructs the~~ decompression unit to decompress the compressed data and transmit the decompressed ~~resultant~~ data to the second system, ~~and that~~ wherein when the first command to access the HDD ~~is issued concurrently~~ from the navigation system and the second command sent from the second system are issued substantially concurrently, the control unit is further configured to arbitrate ~~alike, arbitrates~~ the first and second commands through time sharing by reading data in response to the first command sent from the navigation system, during decompression of compressed data by the decompression unit.

2. (Currently Amended)   The HDD control apparatus according to claim 1, further comprising a compression unit that compresses received data and transmits the compressed ~~resultant~~ data to the HDD, wherein[[:]] in response to a command sent from the second system,

the control unit instructs the compression unit to compress the received data and write the compressed resultant data in the HDD.

3. (Currently Amended)   The HDD control apparatus according to claim 1, further comprising an ATA interface wherein the means for connecting the HDD control apparatus to the navigation system is an AT attachment (ATA) interface, and wherein, a command to leave the ATA interface unoccupied is adopted as the second command sent from the second system.

4. (Currently Amended)   The HDD control apparatus according to claim 3 further comprising a second interface different from the ATA interface 1, wherein the means for connecting the HDD control apparatus to the navigation system is an ATA interface, and the means for connecting the HDD control apparatus to the second system is an interface different from the ATA interface.

5. (Currently Amended)   The HDD control apparatus according to claim 1, further comprising a memory unit; and a memory unit interface coupled between the HDD and the memory unit, wherein[[:]] the control unit is configured to control controls the data transfer between the [[a]] memory unit and the HDD.

6. (Currently Amended)   The HDD control apparatus according to claim 5, wherein an interface via which the navigation system accesses the [[a]] memory unit is an ATA interface.

7. (Currently Amended)   The HDD control apparatus according to claim 3 further comprising 5, wherein a plurality of memory unit interfaces is included, wherein the control unit is configured to select selects one of the memory unit interfaces, and to instruct instructs the selected interface, via which the navigation system accesses a specific memory unit, to function as a slave of the [[an]] ATA interface.

8. (Currently Amended)   The HDD control apparatus according to claim 1, further comprising peripherals configured to adapt a plurality of respective so as to permit addition of user interfaces.

9. (Currently Amended)   The HDD control apparatus according to claim 1, further comprising a flash ROM for storing wherein software [[,]] based on which the control unit acts functions, is stored in a flash ROM.

10. (Currently Amended)   The HDD control apparatus according to claim 1, further comprising an ATA interface for connecting the HDD control apparatus to the HDD, wherein the HDD is a general-purpose HDD, and the means for connecting the HDD control apparatus to the HDD is an ATA interface.

11.-13. (Cancelled)